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CONTRIBUTIONS OF THE
ROYAL ONTARIO MUSEUM OF PALAEONTOLOGY

No. 8. CATALOGUE OF TYPES IN THE ROYAL ONTARIO MUSEUM OF PALAEONTOLOGY

By MADELEINE A. FRITZ

PART IV

JUNE, 1944

CATALOGUE OF TYPES IN THE ROYAL ONTARIO MUSEUM OF PALAEONTOLOGY

By Madeleine A. Fritz
Assistant Director of Invertebrate Palaeontology

PART IV

Three parts of the Catalogue of Types in the Royal Ontario Museum of Palaeontology have been published within the last few years. They constitute Contributions No. 5, No. 6, and No. 7 of the Royal Ontario Museum of Palaeontology. These issues deal with biological groups ranging from the *Protozoa* to the *Brachiopoda* inclusive. In Part IV, the present issue, which represents Contributions of Royal Ontario Museum of Palaeontology No. 8, the *Mollusca* are recorded.

The form of the catalogue is similar to that used in Parts I, II, and III. That is to say, in considering each type the current generic and specific name known to the writer, appears in capital letters at the left side of the first line. The species name is followed by that of the original author, and it in turn by the particular kind of type represented, together with the number of specimens. In certain instances, where the name has been changed, the original designation is indicated in italics on the second line. Then follow in order the literature reference or references, general geological age and more specific geological horizon, the locality, and the catalogue number. It will be noted that both genera and species are arranged alphabetically.

At the present time the *Arthropoda* in the collection are being considered, a list of which will appear in a subsequent issue of this series.

PELECYPODA

AVICULOPECTEN? MONTPELIERENSIS Girty -- Paratype
Girty, G.H., U.S.G.S., Bull. 436, 1910, p. 42.
Upper Carboniferous.
Montpelier, Idaho.
Paratype - Roy. Ont. Mus. Pal. 6367.

BYSSONYCHIA ALVEOLATA Ulrich -- Plesiotypes 2
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 24, pl. IV, figs 1, 2.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotypes - Roy. Ont. Mus. Pal. 17225.

BYSSONYCHIA PRAECURSA Ulrich -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 24, pl. I, fig. 27.
Upper Ordovician, Dundas.
Humbervale quarry, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17226.

BYSSONYCHIA RADIATA (Hall) -- Plesiotypes 2
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 23, pl. IV, fig. 3.
Upper Ordovician, Dundas
Humbervale quarry, Toronto, Ontario.
Plesiotypes - Roy. Ont. Mus. Pal. 17243.

BYSSONYCHIA VERA Ulrich -- Plesiotypes 2
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 25, pl. I, figs. 23, 24.
Upper Ordovician, Dundas.
Humbervale quarry, Toronto, Ontario.
Plesiotypes - Roy. Ont. Mus. Pal. 17227.

BYSSONYCHIA VERA PLANA Stewart -- Holotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 25, pl. I, fig. 26.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Holotype - Roy. Ont. Mus. Pal. 16682.

CLIDOPHORUS cf. FABERI Miller -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 13, pl. I, fig. 6.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype = Roy. Ont. Mus. Pal. 17239.

CLIDOPHORUS FABULUS (Hall) -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 13, pl. I, fig. 8.
Upper Ordovician, Dundas.
Humbervale quarry, Toronto, Ontario.
Plesiotype = Roy. Ont. Mus. Pal. 17260.

CLIDOPHORUS OBLIQUUS Stewart -- Holotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 12, pl. I, fig. 9.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Holotype = Roy. Ont. Mus. Pal. 17259.

CLIDOPHORUS PLANULATUS (Conrad) -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 11, pl. I, fig. 12.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype = Roy. Ont. Mus. Pal. 17230.

CLIDOPHORUS PRAEVOLUTUS Foerste -- Plesiotypes 2
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 12, pl. I, fig. 10.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotypes = Roy. Ont. Mus. Pal. 17269.

COLPOMYA FABA PUSILLA Foerste -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 28, pl. V, fig. 2.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17222.

COLPOMYA FABA PUSILLA Foerste -- Plesiotype
Parks, W A , Trans Roy. Soc Can., Vol XXII, Sect IV, 1928, p. 23, pl. I, fig 22
Middle Ordovician, Collingwood.
Craigleith, Ontario
Plesiotype - Roy. Ont. Mus. Pal. 25154.

CORBICULA OCCIDENTALIS VENTRICOSA Sanderson - Cotypes 4
Sanderson, J.O.G., MSS. Univ. Tor., "Geol. of a Region along the Red Deer River," 1928, p. 113, pl XX, figs. 18, 19, 25, 26.
Cretaceous, Edmonton.
Horseshoe canyon, Drumheller, Alberta.
Cotypes - Roy. Ont. Mus. Pal. 10935.

CTENODONTA CABOTENSIS Johnson -- Holotype
Johnson, H., MSS. Univ. Tor., "Stratigraphy and Palaeontology of the Cataract Formation," 1934, p. 95, pl. VI, fig 7.
Lower Silurian, Cataract.
Credit Forks, Ontario.
Holotype - Roy. Ont. Mus. Pal. 7416.

CTENODONTA CINGULATA Ulrich -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 8, pl. I, fig. 25.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17265.

CTENODONTA ELONGATA Parks -- Holotype
Parks, W.A., Trans. Roy. Soc. Can., Vol. XXIX, Sect. IV, 1928, p. 80, pl. I, fig. 23.
Middle Ordovician, Collingwood.
Craigleith, Ontario.
Holotype - Roy. Ont. Mus. Pal. 25146.

CTENODONTA FILISTRIATA Ulrich -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 9, pl. I, fig. 5.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17258.

CTENODONTA GEORGINA Parks -- Cotypes 2
Parks, W.A., Trans. Roy. Soc. Can., Vol. XXII, Sect. IV, 1928, p. 80, pl. I, figs. 5,6.
Middle Ordovician, Collingwood.
Craigleith, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 25147.

CTENODONTA MYALTA Stewart -- Cotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 10, pl. I, fig. 7.
Upper Ordovician, Dundas.
Humbervale quarry, Toronto, Ontario.
Cotype - Roy. Ont. Mus. Pal. 17266.

CTENODONTA MYALTA Stewart -- Cotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 10, pl. I, fig. 11.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Cotype - Roy. Ont. Mus. Pal. 17267.

CTENODONTA PULCHELLA (Hall) -- Plesiotype
Parks, W.A., Trans. Roy. Soc. Can., Vol. XXII, Sect. IV, 1928, p. 79, pl. I, fig. 19.
Middle Ordovician, Collingwood.
Craigleith, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 25145.

CUNEAMYA NEGLECTA Hall & Whitfield -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 6, pl. I, fig. 4.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17263.

CUNEAMYA SCAPHA Hall & Whitfield -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 7, pt. I, fig. 2.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17262.

CUNEAMYA SCAPHA BREVIOR Foerste -- Plesiotypes 2
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines Vol. XXIX, pt. VI, 1920, p. 7, pl. I, fig. 1.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotypes - Roy. Ont. Mus. Pal. 17229.

CYMATONOTA PARALLELA (Hall) -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines. Vol. XXIX, pt. VI, 1920, p. 30, pl. IV, fig. 10.
Upper Ordovician, Dundas.
Lambton shale pit, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17223.

CYMATONOTA PARALLELA (Hall) -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines. Vol. XXIX, pt. VI, 1920, p. 30, pl. IV, fig. 11.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17224.

CYMATONOTA PHOLADIS (Conrad) -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines. Vol. XXIX, pt. VI, 1920, p. 29, pl. IV, fig. 6.
Upper Ordovician, Dundas.
Don river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17237.

CYMATONOTA RECTA Ulrich -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines. Vol. XXIX, pt. VI, 1920, p. 31, pl. IV, fig. 8.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 16934.

CYPRICARDINIA CANADENSIS Grabau -- Cotype
Grabau, A.W., Michigan Geol. & Biol. Sur., Publication 2, Geol. ser. 1, 1909, p. 170, pl. XXIII, fig. 15.
Middle Devonian, Upper Monroe.
Amherstburg, Ontario.
Cotype - Roy. Ont. Mus. Pal. 22489.

EXOGYRA INCIPIENS Sanderson -- Cotypes 2
Sanderson, J.O.G., MSS. Univ. Tor., "Geol. of a Region along the Red Deer River, Alberta," 1928, p.108, pl. XX, figs. 9, 10, 14.
Cretaceous, St. Mary river.
Old Man river, Alberta.
Cotypes - Roy. Ont. Mus. Pal. 10803

ISCHYRODONTA(?) ALATA Johnson -- Holotype
Johnson, H., MSS. Univ. Tor., "Stratigraphy and Palaeontology of the Cataract Formation," 1934, p. 94, pl. IV, fig. 6.
Lower Silurian, Cataract.
Cataract, Ontario.
Holotype - Roy. Ont. Mus. Pal. 7410.

ISCHYRODONTA ELONGATA Ulrich -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 15, pl. III, fig. 4.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17231.

ISCHYRODONTA UNIONOIDES (Meek) -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 14.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17241.

ISCHYRODONTA UNIONOIDES (Meek) -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 14, pl. I, fig. 13.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17247.

LEDA OBESA White -- Plesiotype
Girty, G.H., U.S.G.S., Bull. 436, 1910, p. 40.
Upper Carboniferous, Park City.
Montpelier, Idaho.
Plesiotype - Roy. Ont. Mus. Pal. 6365.

LYRODESMA CINCINNATIENSE Hall -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 27, pl. IV, fig. 7.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17228.

LYRODESMA POSTSTRIATUM (Emmons) -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 26, pl. IV, fig. 5.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 16843.

LYRODESMA POSTSTRIATUM ELONGATUM Stewart -- Holotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 27, pl. IV, fig. 4.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Holotype - Roy. Ont. Mus. Pal. 17240.

LYRODESMA POSTSTRIATUM ELONGATUM Stewart - Metatypes 5
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 27.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Metatypes - Roy. Ont. Mus. Pal. 17291.

MODIODESMA CONCENTRICA (Hall & Whitfield) - Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 35, pl. V, fig. 4.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17236.

MODIODESMA MODIOLARE (Conrad) -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 34, pl. III, fig. 1.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17270.

MODIODESMA OVATA (Conrad) -- Plesiotypes 4
Parks, W.A., 32nd Ann. Rep. Ont. Dept. Mines, Vol. XXXII, pt. VII, 1923, p. 37, pl. IV, figs. 2,6,9.
Upper Ordovician, Dundas.
Prison Farm quarry, Mimico, Ontario.
Plesiotypes - Roy. Ont. Mus. Pal. 17513.

MODIOLODON SUBOVALIS Ulrich -- Plesiotype
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, pt. VI, 1920, p. 33, pl. IV, fig. 12.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17246.

MODIOLOPSIS BOREALIS Foerste -- Plesiotype
Parks, W.A., 32nd Ann. Rep. Ont. Dept. Mines, Vol. XXXII, pt. VII, 1923, p. 37, pl. IV, fig. 8.
Upper Ordovician, Dundas.
Credit river, near Erindale, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17516.

MODIOLOPSIS BREVIS Parks -- Cotypes 3
Parks,W.A., Trans. Roy. Soc. Can., Vol. XXII, Sect. IV, 1928, p. 81, pl. I, figs. 20,21.
Middle Ordovician, Collingwood.
Craigleith, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 25150.

MODIOLOPSIS CREDITENSIS Johnson -- Holotype
Johnson,H., MSS. Univ. Tor., "Stratigraphy and Palaeontology of the Cataract Formation," 1934, p. 92, pl. IV, fig. 4.
Lower Silurian, Cataract.
Hamilton, Ontario.
Holotype - Roy. Ont. Mus. Pal. 7409.

MODIOLOPSIS STRIATA Parks -- Holotype
Parks, W.A., 32nd Ann. Rep. Ont. Dept. Mines, Vol. XXXII, pt. VII, 1923, p. 37, pl. IV, fig. 3.
Upper Ordovician, Dundas.
Humber river, Weston, Ontario.
Holotype - Roy. Ont. Mus. Pal. 17514.

MODIOMORPHA? ACUMINATA Parks -- Cotypes 8
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, 1915, p. 54, pl. IV, figs. 12,13,14.
Silurian.
Severn river, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 22663.

NUCULA MONTPELIERENSIS Girty -- Paratypes 3
Girty, G.H., U.S.G.S., Bull. 436, 1910, p. 38.
Upper Carboniferous.
Montpelier, Idaho.
Paratypes - Roy. Ont. Mus. Pal. 6364.

ORTHODESMA APPROXIMATUM Foerste -- Plesiotype
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 37, pl. V, fig. 1.
Upper Ordovician, Dundas.
Humber river, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17196.

ORTHODESMA NASUTUM (Conrad) -- Plesiotype
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 38, pl. V, fig. 3.
Upper Ordovician, Dundas.
Humbervale quarry, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17235.

OSTREA AURICULATA Sanderson -- Cotypes 2
Sanderson,J.O.G., MSS. Univ. Tor., "Geol. of a Region along the Red Deer River, Alberta," 1928,p.107, pl. XX, figs. 15,16.
Upper Cretaceous, Edmonton.
Old Man river, Monarch, Alberta.
Cotypes - Roy. Ont. Mus. Pal. 10795.

OSTREA GLABRA COALVILLENSIS Meek -- Plesiotypes 2
Sanderson,J.O.G., MSS. Univ. Tor., "Geol. of a Region along the Red Deer River, Alberta," 1928,p.103, pl. XIX, figs. 11,14.
Upper Cretaceous, Edmonton.
Near Beynon, Alberta.
Plesiotypes - Roy. Ont. Mus. Pal. 10798.

OSTREA GLABRA EXPANSA Sanderson -- Cotypes 3
Sanderson, J.O.G., MSS. Univ. Tor., "Geol. of a Region along the Red Deer River, Alberta," 1928, p.104, pl. XIX, figs. 13, 15, 16.
Upper Cretaceous, Edmonton.
Munson, Alberta.
Cotypes - Roy. Ont. Mus. Pal. 10799.

OSTREA GLABRA LATA Sanderson -- Cotypes 4
Sanderson, J.O.G., MSS. Univ. Tor., "Geol. of a Region along the Red Deer River, Alberta," 1928, p.105, pl. XX, figs. 1, 3, 6, 7.
Upper Cretaceous, Belly River, Foremost.
Bow island, South Saskatchewan river, Alberta.
Cotypes - Roy. Ont. Mus. Pal. 10804.

OSTREA GLABRA PONDEROSA Sanderson -- Cotypes 5
Sanderson, J.O.G., MSS. Univ. Tor., "Geol. of a Region along the Red Deer River, Alberta," 1928, p.106, pl. XX, figs. 8, 11, 12, 13, 17.
Upper Cretaceous, St. Mary river.
Old Man river, Monarch, Alberta.
Cotypes - Roy. Ont. Mus. Pal. 10792.

PECTEN (VARIAMUSIUM) KLUSHAENSE Lees -- Metatype
Lees, E.J., Trans. Roy. Can. Inst., Vol. XX, pt. 1, No. 43, 1934, p. 39.
Triassic, Lewes River series.
Laberge area, Yukon.
Metatype - Roy. Ont. Mus. Pal. 24618.

PECTEN (VARIAMUSIUM) YUKONENSE Lees -- Metatype
Lees, E.J., Trans. Roy. Can. Inst., Vol. XX, pt. 1, No. 43, 1934, p. 38.
Triassic, Lewes River series.
Laberge area, Yukon.
Metatype - Roy. Ont. Mus. Pal. 24617

PECTEN (VARIAMUSIUM) YUKONENSE Lees -- Metatype
Lees, E.J., Trans. Roy. Can. Inst., Vol. XX, pt. 1, No. 43, 1934, p. 38.
Triassic, Lewes River series.
Laberge area, Yukon.
Metatype - Roy. Ont. Mus. Pal. 24619.

PLEUROMYA YUKONENSE Lees -- Metatypes 3
Lees, E.J., Trans. Roy. Can. Inst., Vol. XX, pt. 1, No. 43, 1934, p. 44.
Liassic, Laberge series.
Laberge area, Yukon.
Metatypes - Roy. Ont. Mus. Pal. 19315

PSILOCONCHA INORNATA Ulrich -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 40, pl. V, fig. 11.
Upper Ordovician, Dundas.
Humbervale quarry, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17221.

PSILOCONCHA SINUATA Ulrich -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 40, pl. V, fig. 8.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17219.

PSILOCONCHA SINUATA BOREALIS Foerste -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 40, pl. V, fig. 7.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17271.

PSILOCONCHA SINUATA BREVIS Fritz -- Holotype
Fritz, M.A., Trans. Roy. Soc. Can., Sect. IV, Vol. XX, 1926, p. 106, pl. IV, fig. 6.
Upper Ordovician, Dundas.
Workman's creek, Ontario.
Holotype - Roy. Ont. Mus. Pal. 17551.

PSILOCONCHA SUBOVALIS Ulrich -- Plesiotype
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 41, pl. V, fig. 10.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17220.

PSILOCONCHA SUBRECTA Ulrich -- Plesiotype
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 41, pl. V, fig. 5.
Upper Ordovician, Dundas.
Humbervale quarry, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17218.

PTERINEA CINCINNATIENSIS Miller & Faber -- Plesiotype
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 22, pl. I, figs. 14,15.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17245.

PTERINEA DEMISSA (Conrad) -- Plesiotype
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 22, pl. I, fig. 28.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 16924.

PTERINEA PARVA Parks -- Cotypes 3
Parks,W.A., Trans. Roy. Soc. Can., Vol. XXII, Sect. IV, 1928, p. 83, pl. I, fig. 7.
Upper Ordovician, Lower Gloucester.
Rideau river, Ottawa, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 25066.

RHYTIMYA COLEMANI Stewart -- Holotype
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 46, pl. V, fig. 13.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Holotype - Roy. Ont. Mus. Pal. 17272.

RHYTIMYA COMPRESSA Ulrich -- Plesiotypes
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 45, pl. V, fig. 14.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotypes - Roy. Ont. Mus. Pal. 17233.

RHYTIMYA CURTA Parks -- Holotype
Parks, W.A., Trans. Roy. Soc. Can., Vol. XXII, Sect. IV, 1928, p. 82, pl. I, fig. 24.
Middle Ordovician, Collingwood.
Rideau river, Ottawa, Ontario.
Holotype - Roy. Ont. Mus. Pal. 25153.

RHYTIMYA GRANULOSA Wilson -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 44, pl. V, fig. 12.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17232.

RHYTIMYA OEHANA Ulrich -- Plesiotype
Stewart, B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 45, pl. V, fig. 15.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17261.

SCHIZODUS FERRIERI Girty -- Paratype
Girty, G.H., U.S.G.S., Bull. 436, 1910, p. 41.
Upper Carboniferous.
Montpelier, Idaho.
Paratype - Roy. Ont. Mus. Pal. 6366.

TRIGONIA TEXTILIS Lees -- Metatypes 2
Lees, E.J., Trans. Roy. Can. Inst., Vol. XX, pt. 1, No. 43, 1934, p. 37.
Triassic, Lewes River series.
Laberge area, Yukon.
Metatypes - Roy. Ont. Mus. Pal. 24623.

UNIO MCLEARNI Dyer -- Metatypes 4
Dyer, W.S., Can. Dept. Mines, Bull. 63, geol. ser. 51, 1930, p. 7.
Upper Cretaceous, Foremost.
South Saskatchewan river, southern Alberta.
Metatypes - Roy. Ont. Mus. Pal. 10950.

VANUXEMIA Sp. Caley -- Cotypes 6
Caley, J.F., Geol. Sur. Can.,Mem. 202, 1936, p. 79, pl. I, figs. 2,7,8.
Middle Ordovician, Trenton.
Little Current, Manitoulin island.
Cotypes - Roy. Ont. Mus. Pal. 24357.

WHITELLA ACUTIUMBONIS Stewart -- Cotypes 2
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 20, pl. I, fig. 19.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 17255.

WHITELLA ACUTIUMBONIS Stewart -- Cotypes 2
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 20, pl. I, figs. 20,21.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 17256.

WHITELLA GONIUMBONATA Foerste -- Plesiotype
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 18, pl. I, fig. 16.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17251.

WHITELLA GONIUMBONATA Foerste -- Plesiotype
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 18, pl. I, fig. 22.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17250.

WHITELLA HINDI (Billings) -- Plesiotype
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 16, pl. II, fig. 4.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17248.

WHITELLA IMPRESSATA Stewart -- Cotypes 3
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 19, pl. II, figs. 2,3,6.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 17252.

WHITELLA LATA Stewart -- Holotype
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 19, fig. 7.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Holotype - Roy. Ont. Mus. Pal. 17253.

WHITELLA PARKSI Stewart -- Cotypes 2
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 19, pl. I, fig. 17.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 17254.

WHITELLA RADIATA Stewart -- Holotype
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 21, pl. III, fig. 3.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Holotype - Roy. Ont. Mus. Pal. 17244.

WHITELLA TORONTONENSIS Stewart -- Holotype
Stewart,B.H., 29th Ann. Rep. Ont. Dept. Mines, Vol. XXIX, 1920, p. 17, pl. II, fig. 5.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Holotype - Roy. Ont. Mus. Pal. 17274.

GASTROPODA

ACANTHONEMA HALOPIFORMIS Grabau -- Paratypes 4
Grabau, A.W., Michigan Geol. & Biol. Sur., Publication 2, Geol. ser. 1, 1909, p. 182, pl. XXIII, figs. 6, 7.
Middle Devonian, Upper Monroe.
Livingstone cut, Detroit river, Ontario.
Paratypes - Roy. Ont. Mus. Pal. 22485.

ARCHINACELLA PULASKIENSIS Foerste -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rep. Ont. Dept. Mines, Vol. XXXI, p. 2, pl. I, figs. 1, 2.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17450.

BELLEROPHON BRETONENSIS Matthew -- Cotypes 2
Matthew, G.F., Bull. Nat. Hist. N.B., Vol. IV, 1902, p. 409, pl. XVIII, fig. 4b.
Lower Ordovician, Bretonian.
Boisdale, Nova Scotia.
Cotypes - Roy. Ont. Mus. Pal. 8428.

BELLEROPHON INSULA Matthew -- Metatypes 2
Matthew, G.F., Bull. Nat. Hist. N.B., Vol. IV, 1902, p. 408.
Lower Ordovician, Bretonian.
Boisdale, Nova Scotia.
Metatypes - Roy. Ont. Mus. Pal. 8426.

BELLEROPHON SEMISCULPTUS Matthew -- Holotype
Matthew, G.F., Bull. Nat. Hist. N.B., Vol. IV, 1902, p. 410, pl. XVIII, fig. 5.
Lower Ordovician, Bretonian.
Boisdale, Nova Scotia.
Holotype - Roy. Ont. Mus. Pal. 8427.

BELLEROPHON (CYMBULARIA) Sp. Parks -- Cotypes 3
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 56, pl. IV, figs. 6, 7.
Silurian.
Limestone rapids, Severn river, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 22602.

BELLEROPHON Sp. Parks -- Holotype
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI pt. I, No. 25, 1915, p. 55, pl. IV, fig. 5.
Silurian.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22603.

COELIDIUM Sp. Parks -- Holotype
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 58, pl. I, fig. 6.
Silurian.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22593.

CYRTOLITES ORNATUS Conrad -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rep. Ont. Dept. Mines, Vol. XXXI, 1922, p. 3, pl. I, figs. 4, 5.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17448.

CYRTOLITES ORNATUS Conrad -- Plesiotypes 2
Parks, W.A., & Fritz, M.A., 31st Ann. Rep. Ont. Dept. Mines, Vol. XXXI, 1922, p. 3, pl. I, fig. 3.
Upper Ordovician, Dundas.
Humbervale quarry, Ontario.
Plesiotypes - Roy. Ont. Mus. Pal. 17447.

CYRTOSPIRA INFLATA Shaw -- Holotype
Shaw, E.W., Trans. Roy. Can. Inst., Vol. XXI pt. 2, No. 46, 1937, p. 361, pl. XXIV, fig. 12.
Middle Silurian, Guelph.
Tobermory, Ontario.
Holotype - Roy. Ont. Mus. Pal. 5646.

EOTOMARIA(?) HOPKINSI Parks -- Holotype
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 60, pl. I, fig. 5.
Silurian.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22609.

EUOMPHALUS MINOR Parks -- Holotype
(Cast & mould)

Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 61, pl. IV, figs. 8,9.
Silurian.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22641.

EUOMPHALUS ROTUNDUS Parks -- Cotypes 2

Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 61, pl. VII, figs. 6,7.
Silurian.
Limestone rapids, Severn river, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 22595.

EUOMPHALUS ROTUNDUS Parks -- Metatypes 7

Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 61.
Silurian.
Limestone rapids, Severn river, Ontario.
Metatypes - Roy. Ont. Mus. Pal. 22596.

EUOMPHALUS cf. ROTUNDUS Parks -- Topotype
Barrandeoceras? sp. indet. Parks

Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 79, pl. V, fig. 11; pl. VII, fig. 8.
Foerste, A.F., Bull. Denison Univ., Jour. Sci. Labs., Vol. XXII, 1927, p. 105, pl. VII, figs. 7a,b,c.
Silurian.
Limestone rapids, Severn river, Ontario.
Topotype - Roy. Ont. Mus. Pal. 22589.

EUOMPHALUS Sp. Parks -- Holotype

Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 62, pl. VII, fig. 10.
Silurian.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22616.

EUOMPHALOPTERUS TYRRELLI Parks -- Holotype
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 63, pl. III, figs. 15,16.
Silurian.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22591.

HELCIONELLA TRIANGULARIS (Matthew) -- Metatypes 2
Stenotheca triangularis Matthew
Matthew, G.F., Trans. Roy. Soc. Can., Vol. III, Sect. IV, p. 58.
Middle Cambrian, Acadian.
St. John, New Brunswick.
Metatypes - Roy. Ont. Mus. Pal. 7946.

HOLOPEA MEDIA Parks -- Holotype
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 18, pl. IV, fig. 4.
Ordovician.
Shamattawa river, Manitoba.
Holotype - Roy. Ont. Mus. Pal. 22608.

HORMOTOMA ACUMINATA Parks -- Cotypes 2
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 17, pl. IV, fig. 3.
Ordovician.
Shamattawa river, Manitoba.
Cotypes - Roy. Ont. Mus. Pal. 22610.

HORMOTOMA GRACILIS (Hall) -- Plesiotypes 2
Parks, W.A., & Fritz, M.A., 31st Ann. Rep. Ont. Dept. Mines, Vol. XXXI, pt. IX, 1922, p. 6, pl. I, fig. 10.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotypes - Roy. Ont. Mus. Pal. 17452.

HORMOTOMA PATRICIAENSIS Parks -- Cotypes 2
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 57, pl. I, fig. 8.
Silurian.
Limestone rapids, Severn river, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 22592.

LIOSPIRA cf. HELENA (Billings) -- Plesiotype
Parks, W.A., & Fritz,M.A.,31st Ann. Rep. Ont. Dept. Mines, Vol. XXXI, pt. IX, 1922, p. 7.
Upper Ordovician, Dundas.
Etobicoke river, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17442.

LIOSPIRA STEVENSONI Parks -- Cotypes 2
Parks, W.A.,Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 68, pl. IV, figs. 10,11.
Silurian.
Limestone rapids, Severn river, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 22646

LOPHOSPIRA BEATRICE Foerste -- Plesiotype
Parks, W.A., & Fritz,M.A.,31st Ann. Rep. Ont. Dept. Mines,Vol. XXXI,pt. IX, 1922, p. 8, pl. I, fig. 13.
Upper Ordovician, Dundas.
Lambton, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17437.

LOPHOSPIRA BEATRICE PARVA Parks & Fritz -- Cotypes 2
Parks, W.A., & Fritz,M.A.,31st Ann. Rep. Ont. Dept. Mines,Vol. XXXI,pt. IX, 1922, p. 10, pl. I, fig.14.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 17439.

LOPHOSPIRA DEPRESSA Shaw -- Holotype
Shaw,E.W., Trans. Roy. Can. Inst., Vol. XXI, pt. 2, No. 46, 1937, p. 359, pl. XXIV, fig. 10.
Middle Silurian, Guelph.
Galt, Ontario.
Holotype - Roy. Ont. Mus. Pal. 5644.

LOPHOSPIRA ELORA Shaw -- Cast of Holotype
Shaw,E.W., Trans. Roy. Can. Inst., Vol. XXI, pt. 2, No. 46, 1937, p. 359, pl. XXIV, fig. 11.
Middle Silurian, Guelph.
Elora, Ontario.
Cast of Holotype - Roy. Ont. Mus. Pal. 5645.

LOPHOSPIRA TROPIDOPHORA (Meek) -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rep. Ont. Dept. Mines, Vol. XXXI, pt. IV, 1922, p. 10, pl. I, fig. 15.
Upper Ordovician, Dundas.
Humbervale, Ontario.
Plesiotype = Roy. Ont. Mus. Pal. 17446.

LOPHOSPIRA TROPIDOPHORA (Meek) -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rep. Ont. Dept. Mines, Vol. XXXI, pt. IV, 1922, p. 10, pl. I, fig. 16.
Upper Ordovician, Dundas.
Humbervale, Ontario.
Plesiotype = Roy. Ont. Mus. Pal. 17475.

LOPHOSPIRA XANTHIPPE (Billings) -- Plesiotypes 2
Shaw, E.W., Trans. Roy. Can. Inst., Vol. XXI, pt. 2, No. 46, 1937, p. 358, pl. XXIV, fig. 8.
Middle Silurian, Guelph.
Fergus, Ontario.
Plesiotypes = Roy. Ont. Mus. Pal. 15349.

LOPHOSPIRA XANTHIPPE (Billings) -- Plesiotypes 2
Shaw, E.W., Trans. Roy. Can. Inst., Vol. XXI, pt. 2, No. 46, 1937, p. 358, pl. XXIV, fig. 9.
Middle Silurian, Guelph.
Fergus, Ontario.
Plesiotypes = Roy. Ont. Mus. Pal. 15355.

MACLURITES ACUTA (Parks) -- Holotype
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 21, pl. VII, figs. 1, 2.
Ordovician.
Shamattawa river, Manitoba.
Holotype = Roy. Ont. Mus. Pal. 22597.

MACLURITES SUBOVATA (Parks) -- Cotypes 4
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 19, pl. VII, figs. 4, 5.
Ordovician.
Shamattawa river, Manitoba.
Cotypes = Roy. Ont. Mus. Pal. 22598.

OMPHALOTROCHUS CONOIDEUS Girty -- Paratypes 4
Girty, G.H., U.S.G.S.,Bull. 436, 1910, p. 31,pl. V, figs. 1-3.
Upper Carboniferous.
Montpelier, Idaho.
Paratypes - Roy. Ont. Mus. Pal. 6352.

OMPHALOTROCHUS FERRIERI Girty -- Paratypes 4
Girty, G.H., U.S.G.S.,Bull. 436, 1910, p. 50, pl.V, figs. 4-9; pl. VI, fig. 1.
Upper Carboniferous.
Montpelier, Idaho.
Paratypes - Roy. Ont. Mus. Pal. 6353.

PARMOPHORELLA ACADICA (Dawson) -- Plesiotypes 2
Discina acadica Dawson
Knight, J. Brookes, Geol. Soc. Amer., Spec. Paper No. 32, 1941, p. 234, pl. II, fig. 6c.
Middle Cambrian, Acadian.
Porter's brook, St. Martins, New Brunswick.
Plesiotypes - Roy. Ont. Mus. Pal. 26017.

PARMOPHORELLA ACADICA (Dawson) -- Plesiotypes 7
Discina acadica Dawson
Knight, J. Brookes, Geol. Soc. Amer., Spec. Paper No. 32, 1941, p. 234.
Middle Cambrian, Acadian.
Ratcliffe's Millstream, St. John, New Brunswick.
Plesiotypes - Roy. Ont. Mus. Pal. 7827.

PELAGIELLA ATLANTOIDES (Matthew) -- Holotype
Cyrtolithes atlantoides Matthew
Knight, J. Brookes, Geol. Soc. Amer., Spec. Paper No. 32, 1941, p. 237, pl. LXIII, fig. 6c.
Middle Cambrian, Acadian.
Hanford brook, St. Martins, New Brunswick.
Holotype - Roy. Ont. Mus. Pal. 7753.

PELAGIELLA ATLANTOIDES (Matthew) -- Paratypes 2
Cyrtolithes atlantoides Matthew
Knight, J. Brookes, Geol. Soc. Amer., Spec. Paper No. 32, 1941, p. 237, pl. LXIII, figs. 6a,b.
Middle Cambrian, Acadian.
Hanford brook, St. Martins, New Brunswick.
Paratypes - Roy. Ont. Mus. Pal. 26018.

PLATYCERAS APERTUM Matthew -- Cotypes 2
Matthew, G.F., Trans. Roy. Soc. Can., Vol. VIII, Sect. IV, 1890, p. 132, pl. XI, figs. 4a-d.
Middle Cambrian, Acadian.
St. John, New Brunswick.
Cotypes - Roy. Ont. Mus. Pal. 7895.

PLEUROTOMARIA DELICATULA CAMERA Parks -- Cotypes 2
Parks, W.A., 13th Ann. Rep. Ont. Dept. Mines, Vol. XIII, pt. I, 1904, p. 137, pl. VII, fig. 3.
Middle Devonian.
Kwataboahegan river, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 25580.

POLEUMITA HUDSONICA Parks -- Cotypes 2
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 67, pl. IV, figs. 1,2.
Silurian.
Limestone rapids, Severn river, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 22618.

PROGRANGERELLA SPERATA Russell -- Holotype
Russell, L.S., Jour. Pal., Vol. XV, No. 3, 1941, p. 310, fig. 1.
Upper Cretaceous, Oldman.
Milk river valley, near Comrey, Alberta.
Holotype - Roy. Ont. Mus. Pal. 23283.

PROGRANGERELLA SPERATA Russell -- Paratype
Russell, L.S., Jour. Pal., Vol. XV, No. 3, 1941, p. 310, fig. 2.
Upper Cretaceous, Oldman.
Milk river valley, near Comrey, Alberta.
Paratype - Roy. Ont. Mus. Pal. 23284.

PROGRANGERELLA SPERATA Russell -- Paratype
Russell, L.S., Jour. Pal., Vol. XV, No. 3, 1941, p. 310, fig. 3.
Upper Cretaceous, Oldman.
Milk river valley, near Comrey, Alberta.
Paratype - Roy. Ont. Mus. Pal. 23285.

PROGRANGERELLA SPERATA Russell -- Paratype
Russell, L.S., Jour. Pal., Vol. XV, No. 3, 1941, p. 310, fig. 4.
Upper Cretaceous, Oldman.
Milk river valley, near Comrey, Alberta.
Paratype - Roy. Ont. Mus. Pal. 23286.

PYCNOMPHALUS COLEMANI Parks -- Holotype
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 65, pl. I, figs. 9,10.
Silurian.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22594.

PYCNOMPHALUS Sp. indet. -- Cotypes 2
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 65, pl. VII, fig. 9.
Silurian.
Limestone rapids, Severn river, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 22615.

RAPHISTOMA(?) KELLIENSIS Matthew -- Holotype
Matthew, G.F., Trans. Roy. Soc. Can., 2nd ser., Vol. V, Sect. IV, 1898, p. 70, pl. III, figs. 4a,b.
Lower Ordovician, Bretonian.
Kelly's island, Conception bay, Newfoundland.
Holotype - Roy. Ont. Mus. Pal. 8289.

SCENELLA AMII (Matthew) -- Holotype
Metoptoma amii Matthew
Matthew, G.F., Trans. Roy. Soc. Can., 2nd ser., Vol. VIII, Sect. IV, 1902, p. 111, pl. I, figs. 12a,b.
Middle Cambrian.
Mt. Stephen, British Columbia.
Holotype - Roy. Ont. Mus. Pal. 8048.

SCENELLA AMII (Matthew) -- Metatype
Metoptoma amii Matthew
Matthew, G.F., Trans. Roy. Soc. Can., 2nd ser.,Vol. VIII, Sect. IV, 1902, p. 111.
Middle Cambrian.
Mt. Stephen, British Columbia.
Metatype - Roy. Ont. Mus. Pal. 20376.

STENOTHECA CONCENTRICA Matthew -- Cotypes 6
Matthew, G.F., Trans. Roy. Soc. Can., 1st ser.,Vol. III, Sect. IV, 1885, p. 57, pl. VI, fig. 11.
Middle Cambrian, Acadian.
Porter's brook, St. Martins, New Brunswick.
Cotypes - Roy. Ont. Mus. Pal. 8281.

STENOTHECA HICKSIANA Matthew -- Cotypes 2
Matthew, G.F., Trans. Roy. Soc. Can., 1st ser.,Vol. III, Sect. IV, 1885, p. 56, pl. VI, fig. 14.
Middle Cambrian, Acadian.
Porter's brook, St. Martins, New Brunswick.
Cotypes - Roy. Ont. Mus. Pal. 7944.

STENOTHECA NASUTA Matthew -- Holotype
Matthew, G.F., Trans. Roy. Soc. Can., 1st ser.,Vol. III, Sect. IV, 1885, p. 58, pl. VI, fig. 13.
Middle Cambrian, Acadian.
Hanford brook, St. Martins, New Brunswick.
Holotype - Roy. Ont. Mus. Pal. 7943.

STENOTHECA RADIATA Matthew -- Cotypes 6
Matthew, G.F., Trans. Roy. Soc. Can., 1st ser.,Vol. III, Sect. IV, 1885, p. 57, pl. VI, fig. 12.
Middle Cambrian, Acadian.
Porter's brook, St. Martins, New Brunswick.
Cotypes - Roy. Ont. Mus. Pal. 7945.

STROPHOSTYLUS CYCLOSTOMUS Hall -- Plesiotype
Grabau,A.W.,Michigan Geol. & Biol. Sur.,Publication 2,Geol. ser. 1,1909, p. 185,pl. XXIII,figs. 9,10,11.
Middle Devonian, Upper Monroe.
Livingstone cut, Detroit river, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 22506.

TROCHUS(?) Sp. indet. Parks -- Holotype
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 69, pl. III, fig. 7.
Silurian.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22614.

TROCHUS(?) Sp. indet. Parks -- Holotype
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 69, pl. III, fig. 14.
Silurian.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22647.

DOUBTFUL AFFINITIES

ARCHAEOCONULARIA ATTENUATA Sinclair -- Holotype
Sinclair, G.W., MSS.
Middle Silurian, Rochester.
Grimsby, Ontario.
Holotype - Roy. Ont. Mus. Pal. 23280.

COLEOIDES TYPICALIS Walcott -- Topotypes 3
Walcott, C.D., Proc. U.S. Nat. Mus., Vol. XII, 1889, p. 37, 10th Ann. Rep. U.S.G.S., 1890, p. 624, pl. LXXIX, figs. 6,6a.
Lower Cambrian, Etcheminian.
Smith Sound, Newfoundland.
Topotypes - Roy. Ont. Mus. Pal. 8162.

CONULARIA FORMOSA Miller & Dyer -- Plesiotypes 5
Parks, W.A., & Fritz, M.A., 31st Ann. Rep. Ont. Dept. Mines, Vol. XXXI, 1922, p. 13.
Upper Ordovician, Dundas.
Don Valley brickyard, Toronto, Ontario.
Plesiotypes - Roy. Ont. Mus. Pal. 17454.

CONULARIA PARVA Way -- Holotype
Way, H.G., MSS. Univ. Tor., Silurian of Manitoulin island, 1936, p. 102.
Lower Silurian, Cataract.
Manitoulin island, Ontario.
Holotype - Roy. Ont. Mus. Pal. 7535.

CONULARINA NARRAWAYI Sinclair -- Holotype
Sinclair, G.W., Ann. Carnegie Museum, Vol. XXIX, p. 224, pl. II, fig. 4.
Middle Ordovician, Black River.
Val Tetreau, Quebec.
Holotype - Roy. Ont. Mus. Pal. 18905.

CRESEIS CORRUGATA Matthew -- Cotypes 4
Matthew, G.F., Trans. Roy. Soc. Can., Vol. X, Sect. IV, 1892, p. 105, pl. VII, figs. 12a,b.
Lower Ordovician, Bretonian.
St. John, New Brunswick.
Cotypes - Roy. Ont. Mus. Pal. 7965.

CRESEIS MINUTA Matthew -- Cotypes 5
Matthew, G.F., Trans. Roy. Soc. Can., Vol. X, Sect. IV, 1892, p. 105, pl. VII, figs. 11a-c.
Lower Ordovician, Bretonian.
St. John, New Brunswick.
Cotypes - Roy. Ont. Mus. Pal. 7966.

DIPLOTHECA ACADICA CRASSA Matthew -- Holotype
Matthew, G.F., Trans. Roy. Soc. Can., Vol. III, Sect. IV, 1885, p. 55, pl. VI, fig. 9.
Middle Cambrian, Acadian.
Hanford brook, St. Martins, New Brunswick.
Holotype - Roy. Ont. Mus. Pal. 7811.

EOCONULARIA AMOENA Sinclair -- Holotype
Sinclair, G.W., MSS.
Middle Ordovician, Black River.
Val Tetreau, Quebec.
Holotype - Roy. Ont. Mus. Pal. 23279.

HELENIA GRANULATA Matthew -- Cotypes 2
Matthew, G.F., Bull. Nat. Hist. Soc. N.B., Vol. IV, 1899, p. 192, pl. II, figs. 7a-e.
Lower Cambrian, Etcheminian.
Smith Sound, Newfoundland.
Cotypes - Roy. Ont. Mus. Pal. 8344.

HYOLITHES ACADICUS Hartt -- Plesiotypes 6
Matthew, G.F., Trans. Roy. Soc. Can., Vol. III, Sect. IV, 1885, p. 54, pl. VI, figs. 6, 6a.
Middle Cambrian, Acadian.
Porter's brook, St. Martins, New Brunswick.
Plesiotypes - Roy. Ont. Mus. Pal. 7876.

HYOLITHES ACADICUS OBTUSUS Matthew -- Holotype
Matthew, G.F., Trans. Roy. Soc. Can., Vol. III, Sect. IV, 1885, p. 55, pl. VI, fig. 8.
Middle Cambrian, Acadian.
Hanford brook, St. Martins, New Brunswick.
Holotype - Roy. Ont. Mus. Pal. 7692.

HYOLITHES AMERICANUS Billings -- Topotypes 2
Billings, E., Can. Nat., 2nd ser., Vol. VI, 1872, p. 215.
Lower Cambrian, Upper Etcheminian.
Troy, New York.
Topotypes - Roy. Ont. Mus. Pal. 8133.

HYOLITHES CARINATUS Matthew -- Cotypes 5
Matthew, G.F., Trans. Roy. Soc. Can., 2nd ser., Vol. V, 1899, p. 42, pl. I, figs. 5a-b.
Middle Cambrian.
Mt. Stephen, British Columbia.
Cotypes - Roy. Ont. Mus. Pal. 8463.

HYOLITHES CAUDATUS Matthew -- Cotypes 10
Matthew, G.F., Trans. Roy. Soc. Can., Vol. III, Sect. IV, 1885, p. 53, pl. VI, figs. 5, 5a.
Middle Cambrian, Acadian.
Porter's brook, St. Martins, New Brunswick.
Cotypes - Roy. Ont. Mus. Pal. 8273.

HYOLITHES DANIAMUS Matthew -- Cotypes 6
Matthew, G.F., Trans. Roy. Soc. Can., Vol. III, Sect. IV, 1885, p. 49, pl. VI, figs. 1, 1a-c.
Middle Cambrian, Acadian.
Porter's brook, St. Martins, New Brunswick.
Cotypes - Roy. Ont. Mus. Pal. 7826.

HYOLITHES DECIPIENS Matthew -- Cotypes 3
Matthew, G.F., Trans. Roy. Soc. Can., Vol. XI, Sect. IV, 1896, p. 96, pl. XVI, figs. 11a-d.
Middle Cambrian, Acadian.
Hanford brook, St. Martins, New Brunswick.
Cotypes - Roy. Ont. Mus. Pal. 7800.

HYOLITHES GRACILIS Matthew -- Cotypes 8
Matthew, G.F., Trans. Roy. Soc. Can., Vol. III, Sect. IV, 1885, p. 50, pl. VI, figs. 2, 2a-c.
Middle Cambrian, Acadian.
Porter's brook, St. Martins, New Brunswick.
Cotypes - Roy. Ont. Mus. Pal. 7829.

HYOLITHES GRACILIS GRACILLIMUS Matthew -- Cotypes 4
Matthew, G.F., Trans. Roy. Soc. Can., 2nd ser., Vol. VII, Sect. IV, 1901, p. 109, text figs. 3a, b, c.
Middle Cambrian, Acadian.
St. John, New Brunswick.
Cotypes - Roy. Ont. Mus. Pal. 7870.

HYOLITHES HYATTIANUS Matthew -- Cotypes 2
Matthew, G.F., Trans. Roy. Soc. Can., Vol. III, Sect. IV, 1885, p. 52, figs. 4, 4a.
Middle Cambrian, Acadian.
Hanford brook, St. Martins, New Brunswick.
Cotypes - Roy. Ont. Mus. Pal. 8271.

HYOLITHES RUGOSUS Matthew -- Holotype
Matthew, G.F., Bull. Nat. Hist. Soc. N.B., Vol. IV, 1899, p. 194, pl. III, figs. 4a, b.
Lower Cambrian, Etcheminian.
Smith Sound, Newfoundland.
Holotype - Roy. Ont. Mus. Pal. 8121.

HYOLITHES SERICEA Matthew -- Cotypes 14
Matthew, G.F., Trans. Roy. Soc. Can., Vol. III, Sect. IV, 1885, p. 55, pl. VI, figs. 7,7a,b.
Middle Cambrian, Acadian.
Porter's brook, St. Martins, New Brunswick.
Cotypes - Roy. Ont. Mus. Pal. 7836.

HYOLITHES SERICEA Matthew -- Metatype
Matthew, G.F., Trans. Roy. Soc. Can., Vol. III, Sect. IV, 1885, p. 55.
Middle Cambrian, Acadian.
Porter's brook, St. Martins, New Brunswick.
Metatype - Roy. Ont. Mus. Pal. 8371.

HYOLITHELLUS MICANS Billings -- Plesiotypes 2
Matthew, G.F., Trans. Roy. Soc. Can., Vol. XI, Sect. IV, 1895, p. 94.
Middle Cambrian, Acadian.
Hanford brook, St. Martins, New Brunswick.
Plesiotypes - Roy. Ont. Mus. Pal. 8173.

METACONULARIA? DUBIA Sinclair -- Holotype
Sinclair, G.W., Trans. Roy. Soc. Can., Vol. XXXIV, Sect. IV, p. 107, pl. III, figs. 1,2.
Middle Ordovician, Black River.
Val Tetreau, Quebec.
Holotype - Roy. Ont. Mus. Pal. 18889.

METACONULARIA GIBRALTARENSIS (Way) -- Holotype
Sinclair, G.W., Trans. Roy. Soc. Can., Vol. XXXIV, Sect. IV, 1940, p. 111, pl. II, fig. 2.
Lower Silurian, Manitoulin dolomite.
Near Manitowaning, Manitoulin island, Ontario.
Holotype - Roy. Ont. Mus. Pal. 7537.

ORTHOTHECA BAYONET Matthew -- Cotypes 6
Matthew, G.F., Bull. Nat. Hist. Soc. N.B., Vol. IV, 1899, p. 193, pl. III, figs. 1a-f.
Lower Cambrian, Upper Etcheminian.
Smith Sound, Newfoundland.
Cotypes - Roy. Ont. Mus. Pal. 7797.

ORTHOTHECA MICMAC Matthew -- Cotypes 9
Matthew,G.F.,Trans. Roy. Soc. Can., Vol. III, Sect. IV, 1885, p. 51, pl. VI, figs. 3,3a.
Middle Cambrian, Acadian.
Hanford brook, St. Martins, New Brunswick.
Cotypes - Roy. Ont. Mus. Pal. 8247.

ORTHOTHECA PUGIO Matthew -- Cotypes 8
Matthew, G.F., Bull. Nat. Hist. Soc. N.B., Vol. IV, 1899, p. 193, pl. II, figs. 4a-d.
Lower Cambrian, Upper Etcheminian.
Smith Sound, Newfoundland.
Cotypes - Roy. Ont. Mus. Pal. 8363.

ORTHOTHECA SICA Matthew -- Cotypes 12
Matthew, G.F., Bull. Nat. Hist. Soc. N.B., Vol. IV, 1899, p. 193, pl. II, figs. 5a-e.
Lower Cambrian, Upper Etcheminian.
Smith Sound, Newfoundland.
Cotypes - Roy. Ont. Mus. Pal. 8107.

ORTHOTHECA SICA var. Matthew -- Cotypes 6
Matthew, G.F., Bull. Nat. Hist. Soc. N.B., Vol. IV, 1899, p. 193, pl. II, figs. 6a,b.
Lower Cambrian, Upper Etcheminian.
Smith Sound, Newfoundland.
Cotypes - Roy. Ont. Mus. Pal. 26015.

ORTHOTHECA STILETTO Matthew -- Cotypes 3
Matthew, G.F., Bull. Nat. Hist. Soc. N.B., Vol. IV, 1899, p. 193, pl. II, figs. 3a,b.
Lower Cambrian, Upper Etcheminian.
Smith Sound, Newfoundland.
Cotypes - Roy. Ont. Mus. Pal. 8280.

STYLIOLA PRIMAEVA Matthew -- Holotype
Matthew, G.F., Trans. Roy. Soc. Can., Vol. X, Sect. IV, 1892, p. 104, pl. VII, figs. 10a,b.
Lower Ordovician, Bretonian.
Suspension bridge, St. John, New Brunswick.
Holotype - Roy. Ont. Mus. Pal. 7964.

UROTHECA FLAGELLUM Matthew -- Holotype
Matthew, G.F., Trans. Roy. Soc. Can., 2nd ser., Vol. V, Sect. IV, 1899, p. 40, pl. I, fig. 1.
Middle Cambrian.
Mt. Stephen, British Columbia.
Holotype - Roy. Ont. Mus. Pal. 8577.

UROTHECA PARVA Matthew -- Holotype
Matthew, G.F., Trans. Roy. Soc. Can., 2nd ser.,Vol. V, Sect. IV, 1899, p. 41, pl. VII, fig. 2.
Middle Cambrian.
Mt. Stephen, Field, British Columbia.
Holotype - Roy. Ont. Mus. Pal. 7985.

UROTHECA PERVETUM Matthew -- Cotypes 2
Matthew, G.F., Trans. Roy. Soc. Can., 2nd ser.,Vol. V, Sect. IV, 1899, p. 106, pl. V, fig. 8.
Lower Cambrian, Upper Etcheminian.
Smith Sound, Newfoundland.
Cotypes - Roy. Ont. Mus. Pal. 8106.

CEPHALOPODA

Nautiloidea

ACLEISTOCERAS(?) LOUISENSE Foerste -- Holotype
Foerste, A.F., 37th Ann. Rept. Ont. Dept. Mines, Vol. XXXVII, pt. VI, 1928, p. 73, pl. I, figs. 4a, b.
Middle Devonian, Abitibi river formation.
Moose river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 12906.

ACLEISTOCERAS(?) Sp. Foerste -- Holotype
Foerste, A.F., 37th Ann. Rept. Ont. Dept. Mines, Vol. XXXVII, pt. VI, 1928, p. 73, pl. II, figs. 2a, b.
Middle Devonian, Abitibi river formation.
Mattagami river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 12907.

ACLEISTOCERAS(?) Sp. Foerste -- Holotype
Foerste, A.F., 37th Ann. Rept. Ont. Dept. Mines, Vol. XXXVII, pt. VI, 1928, p. 73, pl. II, fig. 3.
Middle Devonian, Abitibi river formation.
Mattagami river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 12908.

ACTINOCERAS cf. CLOUEI (Barrande) -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rept. Ont. Dept. Mines, Vol. XXXI, pt. IX, 1922, p. 27, pl. IV, fig. 5.
Upper Ordovician, Dundas.
Humbervale quarry, Toronto.
Plesiotype - Roy. Ont. Mus. Pal. 17467.

ACTINOCERAS CREBRISEPTUM (Hall) -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rept. Ont. Dept. Mines, Vol. XXXI, pt. IX, 1922, p. 23, pl. II, fig. 3; pl. III, fig. 4.
Upper Ordovician, Dundas.
Prison Farm quarry, Mimico, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17464.

ACTINOCERAS CREBRISEPTUM (Hall) -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rept. Ont. Dept. Mines, Vol. XXXI, pt. IX, 1922, p.23, pl. III, fig. 8.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17469.

ACTINOCERAS CREBRISEPTUM (Hall) -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rept. Ont. Dept. Mines, Vol. XXXI, pt. IX, 1922, p.24, pl. III, figs. 7, 7a.
Upper Ordovician, Dundas.
Prison Farm quarry, Mimico, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17468.

ACTINOCERAS CREBRISEPTUM (Hall) -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rept. Ont. Dept. Mines, Vol. XXXI, pt. IX, 1922, p.24, pl. III, fig. 2.
Upper Ordovician, Dundas.
Prison Farm quarry, Mimico, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17458.

ACTINOCERAS CREBRISEPTUM (Hall) -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rept. Ont. Dept. Mines, Vol. XXXI, pt. IX, 1922, p.25, pl. III, fig. 5.
Upper Ordovician, Dundas.
Prison Farm quarry, Mimico, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17459.

ACTINOCERAS CREBRISEPTUM (Hall) -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rept. Ont. Dept. Mines, Vol. XXXI, pt. IX, 1922, p.26, pl. III, fig. 3.
Upper Ordovician, Dundas.
Prison Farm quarry, Mimico, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17460.

ACTINOCERAS CREBRISEPTUM (Hall) -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rept. Ont. Dept. Mines, Vol. XXXI, pt. IX, 1922, p.26, pl. III, fig. 9.
Upper Ordovician, Dundas.
Prison Farm quarry, Mimico, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17461.

ACTINOCERAS CREBRISEPTUM (Hall) -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rept. Ont. Dept. Mines, Vol. XXXI, pt. IX, 1922, p. 27, pl. II, fig. 2; pl. III, fig. 6.
Upper Ordovician, Dundas.
Prison Farm quarry, Mimico, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17465.

ACTINOCERAS CREBRISEPTUM (Hall) -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rept. Ont. Dept. Mines, Vol. XXXI, pt. IX, 1922, p. 26, pl. III, fig. 1.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17185.

ACTINOCERAS PAQUETTENSE Foerste & Teichert-Metatypes 5
Foerste, A.F., & Teichert, C., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXV, 1930, p. 248.
Middle Ordovician, Black River.
Paquettes rapids, Ontario.
Metatypes - Roy. Ont. Mus. Pal. 23988.

ACTINOCERAS PARKSI Foerste -- Holotype
Actinoceras bigsbyi Parks
Foerste, A.F., Denison Univ. Bull., Jour. Sci. Labs., Vol. XIX, 1921, p. 297, pl. XXXV, fig. 3.
Ordovician, Shamattawa limestone.
Shamattawa river, northern Manitoba.
Holotype - Roy. Ont. Mus. Pal. 22556.

ANTIPLECTOCERAS SHAMATTAWAENSE (Parks) -- Diplotype
Discoceras(?) shamattawaense Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 58, pl. XXIV, fig. 2.
Ordovician, Shamattawa limestone.
Shamattawa river, northern Manitoba.
Diplotype - Roy. Ont. Mus. Pal. 22572.

ARMENOCERAS HEARSTI (Parks) -- Diplotype
Actinoceras hearsti Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 68, pl. VIII, fig. 4; pl. XXIV, fig. 5.
Silurian.
Limestone rapids, Severn river, Ontario.
Diplotype - Roy. Ont. Mus. Pal. 22562.

ARMENOCERAS MAGNUM (Parks). -- Holotype
Actinoceras richardsoni magnum Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 64, pl. VIII, fig. 1.
Ordovician, Shamattawa limestone.
Shamattawa river, northern Manitoba.
Holotype - Roy. Ont. Mus. Pal. 22557.

ARMENOCERAS Sp. Foerste & Savage -- Holotype
Actinoceras cf. clouei Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 65, pl. IX, figs. 7a, b.
?Ordovician.
Drift at York Factory, Nelson river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22559.

BILLINGSITES BOREALE (Parks) -- Holotype
Ascoceras boreale Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 30, pl. III, figs. 2; 3a, b; 4a-d.
Ordovician, Shamattawa limestone.
Shamattawa river, northern Manitoba.
Holotype - Roy. Ont. Mus. Pal. 22573.

CHICAGOOCERAS(?) LONGIDOMUM Foerste & Savage - Holotype
Orthoceras sp. indet. Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 48, pl. XVIII, figs. 2a, b.
Silurian.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22582.

CYRTOCERAS ORODES Billings -- Plesiotype
Grabau, A.W., Michigan Geol. & Biol. Sur., Publication 2, Geol. Ser. 1, 1909, p. 197, pl. XXIX, fig. 2.
Middle Devonian, Upper Monroe.
Detroit river, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 22454

CYRTOCERAS ORODES Billings -- Plesiotype
Grabau, A.W., Michigan Geol. & Biol. Sur., Publication 2, Geol. Ser. 1, 1909, p. 197, pl. XXIX, fig. 3.
Middle Devonian, Upper Monroe.
Detroit river, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 22453.

CYRTORIZOCERAS(?) Sp. Foerste & Savage -- Holotype
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 52, pl. V, figs. 6a, b.
Silurian.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22583(B).

DAWSONOCERAS ANNULATUM AMERICANUM Foord -- Plesiotype
Grabau, A.W., Michigan Geol. & Biol. Sur., Publication 2, Geol. Ser. 1, 1909, p. 196, pl. XXIX, fig. 1.
Middle Devonian, Upper Monroe.
Detroit river, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 22455.

DAWSONOCERAS ANNULATUM AMERICANUM Foord -- Plesiotype
Grabau, A.W., Michigan Geol. & Biol. Sur., Publication 2, Geol. Ser. 1, 1909, p. 196, pl. XXVIII, fig. 8.
Middle Devonian, Upper Monroe.
Detroit river, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 22505.

DIESTOCERAS TYRRELLI (Parks) -- Cotypes 2
Poterioceras tyrrelli Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 86, pl. XVI, figs. 1a-c.
Ordovician, Shamattawa limestone.
Shamattawa river, northern Manitoba.
Cotypes - Roy. Ont. Mus. Pal. 22568.

DISCOSORUS PARKSI Foerste & Savage -- Paratype
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 75, pl. VIII, fig. 3; pl. XXIII, fig. 8.
Silurian.
Assina rapids, Severn river, Ontario.
Paratype - Roy. Ont. Mus. Pal. 22561.

DUNLEITHOCERAS CORDATUM (Parks) -- Holotype
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 53, pl. XV, figs. 1a-d.
Silurian(?), Nelson limestone(?).
Drift, Nelson river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22576.

ENDOCERAS? HUDSONICUM Parks -- Holotype
Parks, W.A., 22nd Ann. Rept. Ont. Dept. Mines, Vol. XXII, 1913, p. 195.
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 28, pl. II, fig. 4.
Silurian.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22570.

ENDOCERAS PROTEIFORME Hall -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rept. Ont. Dept. Mines, Vol. XXXI, 1922, p. 16, pl. IV, fig. 3.
Upper Ordovician, Dundas.
Humber river, Toronto, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17474.

ENDOCERAS PROTEIFORME Hall -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rept. Ont. Dept. Mines, Vol. XXXI, 1922, p. 15, pl. IV, fig. 1.
Upper Ordovician, Dundas.
Nottawasaga, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 17473.

EPHIPPIORTHOCERAS SIGMOIDALE Fritz -- Cotypes 3
Fritz, M.A., Trans. Roy. Soc. Can., Vol. XXII, Sect. IV, 1928, p. 86, pl. I, figs. 26,27.
Middle Ordovician, Lower Collingwood.
Between Collingwood and Craigleith, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 25161.

GEISONOCERAS(?) Sp. Foerste & Savage -- Holotype
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 34, pl. IV, fig. 4.
Ordovician, Shamattawa limestone.
Shamattawa river, northern Manitoba.
Holotype - Roy. Ont. Mus. Pal. 22580(B).

GOMPHOCERAS(?) Sp. Parks -- Holotype
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 79.
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 101.
Silurian.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22578.

HERCOCERAS AURICULUM (Parks) -- Cotypes 2
Parks, W.A., 13th Ann. Rept. Ont. Dept. Mines, Vol. XIII, 1904, p. 190, pl. VI, figs. 5,6.
Middle Devonian.
Kwataboahegan river, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 25385.

HURONIA SEPTATA Parks -- Holotype
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 71, pl. V, fig. 8.
Ordovician, Shamattawa limestone.
Shamattawa river, northern Manitoba.
Holotype - Roy. Ont. Mus. Pal. 22560.

HURONIELLA INFLECTA (Parks) -- Diplotype
Huronia inflecta Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 70, pl. XI, figs. 1a,b.
Silurian.
Limestone rapids, Severn river, Ontario.
Diplotype - Roy. Ont. Mus. Pal. 22558.

KIONOCERAS DYERI Foerste -- Holotype
Foerste, A.F., 37th Ann. Rept. Ont. Dept. Mines, Vol. XXXVII, pt. VI, 1928, p. 71, pl. I, fig. 5.
Devonian.
West branch French river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 12909.

KOCHOCERAS SHAMATTAWAENSE Foerste & Savage -- Holotype
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 62, pl. VII, fig. 2.
Ordovician, Shamattawa limestone.
Shamattawa river, northern Manitoba.
Holotype-Roy. Ont. Mus. Pal. 22563.

OCTAMEROCERAS WALKERI Foerste & Savage -- Holotype
Septameroceras sp. indet. Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 104, pl. XXIII, figs. 5a,b.
Silurian.
Loose at Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22574.

OOCERINA SEVERNENSE Foerste & Savage -- Holotype
Ooceras(?) sp. nov. Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 79, pl. XIV, fig. 4.
Silurian, ?Attawapiskat limestone.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22577(A).

OOCERINA SHAMATTAWENSE Foerste & Savage -- Holotype
Orthoceras sp. indet. Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 78, pl. XV, figs. 2a,b.
Ordovician, Shamattawa limestone.
Shamattawa river, northern Manitoba.
Holotype - Roy. Ont. Mus. Pal. 22580(A).

OOCERINA(?) Sp. indet. Foerste & Savage -- Cotypes 2
Meloceras sp. indet. Parks
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 76, pl. III, fig. 4; pl. VI, figs. 3,8.
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 79, pl. XV, figs. 3a,b.
Ordovician, Shamattawa limestone.
Shamattawa river, northern Manitoba.
Cotypes - Roy. Ont. Mus. Pal. 22575.

OOCERINA Sp. indet. Foerste & Savage -- Holotype
Ooceras(?) sp. indet. Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 80, pl. XIV, fig. 4.
Silurian, ?Attawapiskat limestone.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22577(B).

ORTHOCERAS ALGOMENSE Parks -- Holotype
Parks, W.A., 13th Ann. Rept. Ont. Dept. Mines, Vol. XIII, 1904, p. 189, pl. VI, figs. 1,3.
Middle Devonian.
Kwataboahegan river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 25389.

ORTHOCERAS DUSERI Hall & Whitfield -- Plesiotypes 3
Parks, W.A., & Fritz, M.A., 31st Ann. Rept. Ont. Dept. Mines, Vol. XXXI, 1922, p. 18, pl. IV, fig. 8.
Upper Ordovician, Dundas.
Weston, Ontario.
Plesiotypes - Roy. Ont. Mus. Pal. 17462.

ORTHOCERAS EXTREMUM Parks -- Holotype
Parks, W.A., 13th Ann. Rept. Ont. Dept. Mines, Vol. XIII, 1904, p. 189, pl. VI, fig. 7.
Middle Devonian.
Kwataboahegan river, Ontario.
Holotype = Roy. Ont. Mus. Pal. 25387.

ORTHOCERAS LAMELLOSUM Hall -- Plesiotype
Parks, W.A., & Fritz, M.A., 31st Ann. Rept. Ont. Dept. Mines, Vol. XXXI, 1922, p. 18, pl. IV, fig. 6.
Upper Ordovician, Dundas.
Prison Farm quarry, Mimico, Ontario.
Plesiotype = Roy. Ont. Mus. Pal. 17472.

ORTHOCERAS ONTARIOENSE Foerste -- Holotype
Foerste, A.F., 37th Ann. Rept. Ont. Dept. Mines, Vol. XXXVII, pt. VI, 1928, p. 70, pl. I, figs. 1a-c.
Devonian.
French river, Ontario.
Holotype = Roy. Ont. Mus. Pal. 12911.

ORTHOCERAS PULCHER Parks -- Holotype
Parks, W.A., 13th Ann. Rept. Ont. Dept. Mines, Vol. XIII, 1904, p. 189, pl. VI, fig. 2.
Middle Devonian.
Kwataboahegan river, Ontario.
Holotype = Roy. Ont. Mus. Pal. 25386.

ORTHOCERAS Sp. indet. Parks -- Holotype
Parks, W.A., 13th Ann. Rept. Ont. Dept. Mines, Vol. XIII, 1904, p. 189, pl. VI, fig. 4.
Middle Devonian.
Kwataboahegan river, Ontario.
Holotype = Roy. Ont. Mus. Pal. 12975.

PARKSOCERAS LEPIDODENDROIDES (Parks) -- Holotype
Orthoceras (Thoracoceras) lepidodendroides Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 45, pl. XVIII, figs. 3a, b.
Ordovician, Shamattawa limestone.
Shamattawa river, northern Manitoba.
Holotype = Roy. Ont. Mus. Pal. 22569

PENTAMEROCERAS RARUM Parks -- Holotype
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 78, pl. III, fig. 6.
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 102, pl. XXIII, figs. 7a-c.
Silurian.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22571.

PENTAMEROCERAS(?) Sp. Foerste & Savage -- Holotype
Ooceras(?) sp. nov. Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 103, pl. XXIII, figs. 6a-c.
Silurian, ?Attawapiskat limestone.
Limestone rapids, Severn river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 22583(A).

PHRAGMOCERAS NELSONENSE Parks -- Cotypes 4
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 83, pl. I, fig. 7; pl. III, figs. 1, 2.
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 93, pl. XIX, figs. 3-6.
Silurian, Ekwan limestone.
Near mouth Seal river, Nelson river, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 22564.

PHRAGMOCERAS WHITNEYI Parks -- Cotype
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 77, pl. III, fig. 5.
Silurian, Ekwan limestone.
Limestone rapids, Severn river, Ontario.
Cotype - Roy. Ont. Mus. Pal. 22566.

PHRAGMOCERAS WHITNEYI Parks -- Cotype
Parks, W.A., Trans. Roy. Can. Inst., Vol. XI, pt. I, No. 25, 1915, p. 77, pl. VI, fig. 2.
Silurian, Ekwan limestone.
Assina rapids, Severn river, Ontario.
Cotype - Roy. Ont. Mus. Pal. 22567.

PHRAGMOCERAS Sp. Foerste & Savage -- Cotypes 3
Phragmoceras lineatum Parks
Foerste, A.F., & Savage, T.E., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXII, 1927, p. 94, pl. XX, fig. 4.
Silurian.
Limestone rapids, Severn river, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 22565.

PROBILLINGSITES PRIMUS (Fritz) -- Holotype
Billingsites primus Fritz
Fritz, M.A., Trans. Roy. Soc. Can., Vol. XXII, Sect. IV, 1928, p. 85, pl. I, figs. 8-10.
Foerste, A.F., Denison Univ. Bull., Jour. Sci. Labs., Vol. XXIII, 1928, p. 318.
Middle Ordovician, Upper Cobourg.
East of Collingwood, Ontario.
Holotype - Roy. Ont. Mus. Pal. 25159.

SACTOCERAS TYPICALE Fritz -- Cotypes 2
Fritz, M.A., Trans. Roy. Soc. Can., Vol. XXII, Sect. IV, 1928, p. 87, pl. I, fig. 1.
Middle Ordovician, Cobourg and Collingwood.
Between Collingwood and Craigleith, Ontario.
Cotypes - Roy. Ont. Mus. Pal. 25160.

SACTOCERAS Sp. Foerste -- Holotype
Foerste, A.F., 37th Ann. Rept. Ont. Dept. Mines, Vol. XXXVII, 1928, p. 72, pl. II, fig. 1.
Middle Devonian.
Grand Rapids, Mattagami river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 12913.

SPHYRADOCERAS cf. CLIO Hall -- Plesiotype
Foerste, A.F., 37th Ann. Rept. Ont. Dept. Mines, Vol. XXXVII, 1928, p. 74, pl. I, figs. 2a,b.
Devonian.
Grand Rapids, Mattagami river, Ontario.
Plesiotype - Roy. Ont. Mus. Pal. 12914.

TROCHOCERAS ANDERDONENSE Grabau -- Cotype
Grabau, A.W., Michigan Geol & Biol. Sur., Publication 2, Geol. Ser 1, 1910, p. 200, pl. XXVIII fig. 9.
Upper Monroe, Middle Devonian
Detroit river, Ontario
Cotype - Roy. Ont. Mus. Pal. 22498.

TRIPLEUROCERAS BOREALE Foerste -- Holotype
Foerste, A.F., 37th Ann. Rept. Ont. Dept. Mines, Vol. XXXVII, 1928, p. 72, pl. I, figs. 3a-c.
Middle Devonian, Abitibi river formation.
French river, Ontario.
Holotype - Roy. Ont. Mus. Pal. 12915.

ZITTELOCERAS FIMBRIATUM Fritz -- Holotype
Fritz, M.A., Trans. Roy. Can. Inst., Vol. XVII, pt 2, 1930, p. 223, pl. I, figs. 1,2.
Middle Ordovician, Black River.
Paquettes rapids, Ontario.
Holotype - Roy. Ont. Mus. Pal. 24192.

Ammonoidea

GASTRIOCERAS SIMULATOR Girty -- Paratypes 3
Girty, G.H., U.S.G.S., Bull. 436, 1910, p. 52.
Upper Carboniferous, Park City formation.
Montpelier, Idaho, U.S.A.
Paratypes - Roy. Ont. Mus. Pal. 6351.

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